

專任教師

洪瑞兒特聘教授 / Zuway-R Hong



職 稱：特聘教授 Distinguished Professor
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榮譽、學術專長與開課名稱

□榮譽

榮獲中山大學 97 學年度全校優良導師獎。
 榮獲國立員林高級中學創校 70 週年傑出校友獎
 榮獲中山大學 100 學年度教學傑出獎。
 榮獲科技部 103 年度傑出研究獎。

□學術專長與研究興趣：

教育心理學研究(Studies in educational psychology)、科學教育相關研究(Studies in science education)、性別教育研究(Studies in gender education)、道德品格教育研究(Studies in moral and character education)

□歷年開課名稱：

教育心理學(EDUCATIONAL PSYCHOLOGY)、性別教育研究(THE STUDY OF GENDER EDUCATION)、教育測驗與評量研究(STUDIES IN EDUCATIONAL TESTING AND MEASUREMENT)、行為改變技術(BEHAVIORAL MODIFICATION)、教育測驗與評量(EDUCATIONAL MEASUREMENT)、心理學應用與實踐(IMPLICATION AND IMPLEMENTATION OF PSYCHOLOGY)、道德與品格教育(MORAL AND CHARACTER EDUCATION)、學習評量(LEARNING ASSESSMENT AND EVALUATION)

研究成果與研究計畫

A、期刊論文

1. *Lawrenz, F., Hong, Z. R., Lin, H. S., & Huffman, D. (2003). Interest in science: What is different for boys and girls. *Council for Elementary Science International*, 36, 21-28. (ERIC Journal)

2. ***Hong, Z. R.,** McCarthy Veach, P., & Lawrenz, F. (2003). An investigation of the gender stereotyped thinking of Taiwanese secondary school boys and girls. *Sex-Roles-A Journal of Research*, 48, 11/12, 495-504. (SSCI) 科技部經費補助 NSC 91-2413-H-165-001 。 [(2003 Thomson Reuters, 2003 JCR) 2003 Impact factor = 0.468; Ranking:10/26 =38.46% (Q2)(Women's Studies), 35/46 =76.09% (Psychology, Social), 46/51=90.20% (Psychology, Developmental)]
3. ***Hong, Z. R.** (2004). An investigation of Taiwanese female college students' sexist attitudes. *Sex-Roles—A Journal of Research*, 51, 7/8, 455-467. (SSCI Journal). 科技部經費補助 NSC 91-2413-H-165-001 。 [(2004 Thomson Reuters, 2004 JCR) 2004 Impact factor = 0.639; Ranking: 7/25 =28.00% (Q2)(Women's Studies), 35/46 =76.09% (Psychology, Social), 40/49=81.63% (Psychology, Developmental)]
4. ***Hong, Z. R.,** McCarthy Veach, P., & Lawrenz, F. (2004). Psychosocial Predictors of Taiwanese Secondary Students' Self-Esteem. *Alberta Journal of Educational Research*, 50, 4, 433-449 (SSCI Journal). (2010 Impact factor = 0.153, 2000 Impact factor = 0. 041)
5. ***Hong, Z. R.,** Lawrenz, F., McCarthy Veach, P. (2005). Investigating perceptions of gender education by students and teachers in Taiwan. *Journal of Educational Research*, 98, 156-163. (SSCI) 科技部經費補助 NSC 93-2511- S-165 -001 。 [(2005 Thomson Reuters, 2005 JCR) 2005 Impact factor = 0. 377; Ranking: 61/98= 62.24% (Q3)(Education & Educational Research)]
6. ***Hong, Z. R.,** McCarthy Veach, P., & Lawrenz, F. (2005). Psychosocial predictors of psychological distress in Taiwanese secondary school boys and girls. *Sex Roles-A Journal of Research*, 53, 5/6 419-432. (SSCI). 科技部經費補助 NSC 94-2511- S-165 -001 。 [(2005 Thomson Reuters, 2005 JCR) 2005 Impact factor = 0.729; Ranking: 8/27 =29.63% (Q2)(Women's Studies), 30/49 =65.22% (Psychology, Social), 38/52=73.08% (Psychology, Developmental)]
7. ***洪瑞兒、鄭文華(2006)**。繼親家庭之國中子女自我概念與親子互動之個案研究 (The Case Study of Junior High School Students' Self-Conception and Parent-child Interaction in Step Families) , *樹德科技大學學報* , 8 (2) , 301~316 。
8. ***洪瑞兒、鄭文華 (2006)**。使用「家庭動力圖」作為探究繼親家庭的親子互動關係之研究(Using the Kinetic Family Drawing as an Investigation Tool to Understand the Parent-child Interaction in the Stepfamily) , *台南科大學報* , 25 (1), 77~98 。
9. ***Hong, Z. R.,** Lin, H. S., & Lawrenz, F. (2008). Promoting single-parent family children's attitudes toward science and science performance through extracurricular science intervention in Taiwan. *International Journal of Science Education*, 30 (4), 469-493. (SSCI). 科技部經費補助 NSC 93-2511-S-165-001/ NSC 94-2511-S-165-001 。 [(2008 Thomson Reuters, 2008 JCR) 2008 Impact factor = 0.690; Ranking: 60/113=53.10% (Q3)(Education & Educational

Research)]

10. ***Hong, Z. R.**, Lin, H. S., & McCarthy Veach, P. (2008). Effects of an extracurricular science intervention on science performance, self-worth, social skills, and sexist attitudes of Taiwanese adolescents from single-parent families. *Sex-Roles-A Journal of Research*, 59, 555~567. (SSCI) 科技部經費補助 NSC 93-2511-S-165-001/ NSC 94-2511-S-165-001 ◦ [(2008 Thomson Reuters, 2008 JCR), 2008 Impact factor = 0.743, Ranking 11/29 =37.93% (Women's Studies)(Q2), 34/50 =68% (Psychology, Social), 49/56=87.50% (Psychology, Developmental)]
11. *Lin, H. S., **Hong Z. R.**, & Cheng, Y-Y. (2009). The interplay of classroom learning environment and inquiry based activities. *International Journal of Science Education*, 31 (8), 1013-1024. (SSCI) 科技部經費補助 NSC 95-2511-S-110-002-MY3 ◦ [(2009 Thomson Reuters, 2009 JCR), 2009 Impact factor = 1.047, Ranking: 39/139=28.06% (Q2)(Education & Educational Research)]
12. ***Hong, Z. R.** (2010). Effects of a collaborative science intervention on high achieving students' learning anxiety and attitudes toward science. *International Journal of Science Education*, 32(15), 1971-1988. First Published on: 02 November 2009. (SSCI) 科技部經費補助 NSC 95-2511-S-110-002-MY3 ◦ [(2010 Thomson Reuters, 2010 JCR), 2010 Impact factor = 1.063, Ranking: 55/184= 29.89% (Q2)(Education & Educational Research)]
13. *Lin, H. S., **Hong, Z. R.**, Chen, C-C, & Chou, C. H. (2011). The effect of integrating aesthetic understanding in reflective inquiry activities. *International Journal of Science Education* (SSCI), 33 (9), 1199-1217 科技部經費補助 NSC 97-2630-S-110-001-MY3 ◦ [(2011 Thomson Reuters, 2011 JCR), 2011 Impact factor = 1.232, Ranking: 40/206 = 19.42% (Q1)(Education & Educational Research).
14. *Lin, H. S., **Hong, Z. R.**, Wang, H-H, & Lee, S. T. (2011). Using reflective peer assessment to promote students' conceptual understanding through asynchronous discussions. *Educational Technology & Society* (SSCI), 14 (3), 178-189 科技部經費補助 NSC 97-2630-S-110-001-MY3 ◦ [(2011 Thomson Reuters, 2011 JCR) 2011 Impact Factor = 1.011, Ranking: 58/206 = 28.16% (Q2)(Education & Educational Research Category).
15. ***Hong, Z. R.** & Lin, H. S. (2011). An Investigation of students' personality traits and attitudes toward science. *International Journal of Science Education*, 33(7), 1001-1028 (SSCI); First published on: 03 December2010, DOI: 10.1080/09500693.2010.524949; <http://dx.doi.org/10.1080/09500693.2010.524949> 科技部經費補助 NSC 98-2511-S-110-002-MY3 [(2011 Thomson Reuters, 2011 JCR) 2011 Impact Factor = 1.232, Ranking: 40/206 = 19.42% (Q1)(Education & Educational Research Category).

16. ***Hong, Z. R.**, Lin, H. S., Wang, H-H., Chen, H-T., & Yu, T-C. (2012). The effects of functional group counseling on inspiring low achieving students' self-worth and self-efficacy in Taiwan. *International Journal of Psychology*, 47(3), 179-191. **First published on: 26 July 2011;** <http://dx.doi.org/10.1080/00207594.2011.590494> (SSCI). 科技部經費補助 NSC 97- 2511-S- 110-001- MY2 ◦ [(2012 Thomson Reuters, 2012 JCR) 2012 **Impact Factor :0.632, Ranking: 89/126= 70.63% (Q3)(Psychology Multidisciplinary)**]
17. * Lin, H., **Hong, Z. R.** & Huang, T. (2012). The role of emotional factors in building public scientific literacy and engagement with science. *International Journal of Science Education*, 34(1), 25-42. <http://dx.doi.org/10.1080/09500693.2010.551430> (SSCI)科技部科會經費補助 NSC 99-2511-S-110-003-MY3 . [(2013 Thomson Reuters, 2012 JCR) 2012 **Impact Factor = 1.340, Ranking: 35/216 = 16.20 % (Q1)(Education & Educational Research Category).**]
18. ***Hong, Z. R.** & Lin, H. S. (2012). Impacts of a book reading club intervention on enhancing parents' positive thinking. *Journal of Health Psychology*, 17 (2), 273-284. <http://dx.doi.org/10.1177/1359105311413481> (SSCI) 科技部經費補助 NSC 97-2630-S- 110-001- MY3 ◦ [(2013 Thomson Reuters, 2012 JCR) 2012 **Impact Factor: 1.882; Ranking:44/114 = 38.60% (Q2) (Psychology, Clinical)**]
19. ***Hong, Z. R.**, Lin, H. S., & Lawrenz, F. (2012). Effects of an integrated science and societal implication on promoting adolescent's positive thinking and emotional perceptions. *International Journal of Science Education*, 34 (3/4), 329-352. (SSCI). **First published on: 04 Oct. 2011;** <http://dx.doi.org/10.1080/09500693.2011.623727> 科技部經費補助 NSC 98-2511-S-110-002- MY3 ◦ [(2013 Thomson Reuters, 2013 JCR) 2012 **Impact Factor = 1.340, Ranking: 35/216 = 16.20 % (Q1)(Education & Educational Research Category)**]
20. *Lin, H. S., **Hong, Z. R.**, & Lawrenz, F. (2012). Promoting and scaffolding argumentation through reflective asynchronous discussions. *Computers & Education*, 59(2), 378–384. (SSCI). 科技部經費補助 NSC 99- 2511-S-110- 003- MY3 ◦ [(2013 Thomson Reuters, 2012 JCR)) 2012 **Impact factor =2.775, Ranking:15/100= 15 % ((Q1) Computer Science, Interdisciplinary Applications Category)**]
21. 楊桂瓊、林煥祥、洪瑞兒(2012)。以論證活動探討國小學童論證能力和科學本質之表現。科學教育學刊，22(2)，1-26。
22. ***Hong, Z. R.** & Lin, H. S. (2013). Boy's and girl's involvement in science learning and their self-efficacy in Taiwan. *International Journal of Psychology*, 48(3), 272-284 (SSCI). **First published on: 11 Jan. 2012;** <http://dx.doi.org/10.1080/00207594.2011.628673> 科技部經費補助 NSC 98-2511-S-110- 002- MY3 ◦ [(2014 Thomson Reuters, 2014 JCR) 2013 **Impact Factor :1.226, Ranking: 51/129= 39.54% (Q2)(Psychology Multidisciplinary)**]

23. *Lin, H. S., **Hong, Z. R.**, Yang, K-K, & Lee, S. T. (2013). The impact of collaborative reflections on teachers' inquiry teaching. *International Journal of Science Education*, 35(18), 3095-3116. (SSCI) First published on: 06 June. 2012; <http://dx.doi.org/10.1080/09500693.2012.689023> 國科會經費補助 NSC 99-2511-S-110-003- MY3 ◦ [(2014 Thomson Reuters, 2014 JCR) 2013 Impact Factor = 1.516, Ranking: 31/219 = 14.16 % (Q1) (Education & Educational Research Category)]
24. *Lin, H., Lawrenz, F., Lin, S., & **Hong, Z. R.** (2013). Relationships among affective factors and preferred engagement in science related activities. *Public Understanding of Science*. 22 (8), 941-954. (SSCI), 科技部經費補助 NSC 98-2511-S-110-002-MY3 ◦ DOI: 10.1177/0963662511429412. 2011 [(2014 Thomson Reuters, 2014 JCR). 2013 Impact factor= 1.932. Ranking 3/42 = 7.14% (Q1)(Category of History and Philosophy of Science) and 7/74 =9.46% (Q1)(Category of Communication)]
25. ***Hong, Z. R.**, Lin, H. S.; Wang, H-H; Chen, H-T, Yang, K-K. (2013). Promoting and Scaffolding Elementary School Students' Attitudes toward Science and Argumentation through a Science and Society Intervention. *International Journal of Science Education*, 35(10), 1625-1648. (SSCI Journal) First published on: 12 October. 2012; <http://dx.doi.org/10.1080/09500693.2012.734935> 科技部經費補助 NSC 99-2511-S- 110-003- MY3 ◦ [(2014 Thomson Reuters, 2014 JCR) 2013 Impact Factor = 1.516, Ranking: 31/219 = 14.16 % (Q1) (Education & Educational Research Category)]
26. *Lin, H. S., **Hong, Z. R.**, & Chen, Y. (2013). Exploring the development of college students' situational interest in learning science. *International Journal of Science Education*. (SSCI Journal). 35(13), 2152-2173. First published on: 22 July 2013; <http://dx.doi.org/doi:10.1080/09500693.2013.818261> 科技部經費補助 NSC 101-2511-S- 110-003- MY3 ◦ [(2014 Thomson Reuters, 2014 JCR) 2013 Impact Factor = 1.516, Ranking: 31/219 = 14.16 % (Q1)(Education & Educational Research Category)]
27. ***Hong, Z. R.**, Lin, H. S., Chen, H-T., Wang, H-H., & Lin, C-J. (2014). The effects of aesthetic science activities on improving at-risk families children's anxiety about learning science and positive thinking. *International Journal of Science Education*. (SSCI Journal), 36 (2), 216-243. First published on: Jan. 2013; <http://dx.doi.org/10.1080/09500693.2012.758394> 科技部經費補助 NSC 99-2511-S- 110-003- MY3 ◦ [(2015 Thomson Reuters, 2015 JCR) 2014 Impact Factor = 1.132, Ranking: 61/224 = 27.23 % (Q2) (Education & Educational Research Category Journal)]
28. **Chen, H-T**; Wang, H-H, Lin, H. S., Lawrenz, F., ***Hong, Z. R.** (2014). Longitudinal study of an inquiry-based science camp on low-achieving children's affective perceptions of learning science and positive thinking. *International Journal of Science Education*, 36 (13), 2133-2156.(SSCI Journal). First published online: 28 Apr. 2014; <http://dx.doi.org/doi:10.1080/>

09500693.2014.910630科技部經費補助NSC 99-2511-S- 110-003- MY3 。 2014 Impact Factor = 1.132, Ranking: 61/224 = 27.23 % (Q2) (Education & Educational Research Category Journal)]

29. Wang, H-H., Chen, H-T., Yore, L. & *Hong, Z. R. (2015). An investigation of Taiwanese college students' personality traits and self-worth. *Journal of Happiness Studies*, 16 (6), 1593-1613. (SSCI Journal). DOI: 10.1007/s10902-014-9579-3 科技部經費補助 NSC 101-2511-S-110-001- MY3 。 2015 Impact Factor: 1.846; Ranking:10/95= 10.53%(Q1) (Social science, Interdisciplinary Category); Ranking: 41/129= 31.78% (Psychology Multidisciplinary Category) [(2016 Thomson Reuters, 2016 Journal Citation Reports)]
30. 楊桂瓊、陳雅君、洪瑞兒、*林煥祥(2015)。新興科技融入探究式教學的成效探討，*科學教育學刊*，23(2)，111-127。
31. Yang, K-K., Hong, Z. R., Liu, M-C., & *Lin, H-S. (2015). Exploring the Role of Visitors' Self-Identity in Marine Museum Learning, *International Journal of Science Education, Part B*, 5 (4), 375-393. 科技部經費補助NSC 102-2629-S-110-001- MY3. First published online: 18 May. 2015; <http://dx.doi.org/DOI:10.1080/21548455.2015.104615>; 2015 Impact Factor = 1.000, Ranking: 101/230 = 43.72 % (Q2) (Education & Educational Research Category)]
32. Huang, Y-N., & *Hong, Z. R. (2016). The Effects of a Flipped English Classroom Intervention on Students' Internet and Computer Literacy and Motivation in Learning English. *Educational Technology Research and Development*, 64(2),175-193 (SSCI Journal). 科技部經費補助NSC101-2511-S-110-001-MY3 。 <http://dx.doi.org/DOI:10.1007/s11423-015-9412-7>. 2016 Impact factor = 0.725, Ranking: 169/235= 71.91 % (Q3)(Education & Educational Research)]
33. Yang, K-K., Lin, S-F., Hong, Z. R., & *Lin, H-S. (2016). Exploring the Assessment of and relationship Between Elementary Students' Science Inquiry, *Creativity Research Journal*, 28(1), 16-23.(SSCI Journal) MOST 104-2511-S-110-011- MY3. <http://dx.doi.org/DOI:10.1080/10400419.2016.1125270>. 2016 Impact factor = 1.2161, Ranking: 36/58= 62.07% (Psychology, Educational)(Q3) & 66/128= 51.56% (Psychology, Multidisciplinary)(Q3)]
34. Chen, H-T; Wang, H-H, Lu, Y.-Y., Lin, H-S., & *Hong, Z. R. (2016). Using A Modified Argument-Driven Inquiry to Promote Elementary School Students' Engagement in Learning Science and Argumentation. *International Journal of Science Education*, 38(2), 170-191. (SSCI Journal)科技部經費補助NSC 102-2629-S-110-001- MY3 。 [http:// dx. doi.org /DOI:10.1080/09500693.2015.1134849](http://dx.doi.org/DOI:10.1080/09500693.2015.1134849); 2016 Impact Factor = 1.240, Ranking: 103/235 = 43.83 % (Q2)(Education & Educational Research Category)]
35. 楊登順、*洪瑞兒(2016)。探討大學生空間自我效能、畫地圖能力與地圖素養之相關性與中介效果，*教育科學研究學刊(TSSCI)*，61 (4)，121-146。

doi:10. 6209/ JORIES. 2016.61(4).05

36. Yang, K-K, Lee, L, **Hong, Z. R.**, & *Lin, H-S. (2016). The investigation of effective strategies for developing creative science thinking. *International Journal of Science Education*, 38 (13), 2133-2151. (SSCI Journal). DOI:10.1080/09500693.2016.1230685
2016 Impact Factor = 1.240, Ranking: 103/235 = 43.83 % (Q2)(Education & Educational Research Category) 科技部經費補助MOST 103-2511 -S-110 -004-MY3.
37. Lu, Y-Y., Chen, H-T., ***Hong, Z. R.**, & Yore, L. (2016). Students' Awareness of Science Teachers' Leadership, Attitudes toward Science, and Positive Thinking *International Journal of Science Education*, 38(13), 2174-2196. (SSCI Journal) 科技部經費補助 NSC 104-2511-S-110-001- MY3 。 DOI:10.1080/09500693.2016.1230792.
2016 Impact Factor = 1.240, Ranking: 103/235 = 43.83 % (Q2)(Education & Educational Research Category)
38. Wang, H-H., Chen, H-T., Lin, H.-S.***Hong, Z. R.** (2017). The effects of College Students' Positive Thinking, Learning Motivation and Self-regulation through a Self-reflection Intervention in Taiwan. *Higher Education Research & Development* , 36(1), 201-216. (SSCI Journal) 10.1080/07294360.2016.1176999. 2016 Impact Factor: 1.206; Ranking:106/235= 45.11% (Q2)(Education & Educational Research Category) 科技部經費補助 NSC 101-2511-S- 110-001-MY3 。
39. 陳雅君，洪瑞兒，余曉清，*林煥祥 (2017)，臺灣學生科學素養與科教學者研究成果表現之發展趨勢。科學教育學刊, 24(4), 333-354 (TSSCI). 科技部經費補助 NSC 104-2511-S- 110-013- MY3 。
40. Wang, H-H., Chen, H-T., Lin, H.-S., Huang, Y-N.,***Hong, Z. R.** (2017.DOI). Longitudinal Study of a Cooperation-driven, Socio-scientific Issue Intervention on Promoting Students' Critical Thinking and Self-regulation in Learning Science. *International Journal of Science Education*. DOI: 10.1080/ 09500693.2017. 1357087 科技部經費補助 NSC104-2511- S-110- 011-MY3 。 2016 Impact Factor = 1.240, Ranking: 103/235 = 43.83% (Q2)(Education & Educational Research Category)
41. 吳枚瑛、陳香廷、魯盈謙、*洪瑞兒(印刷中)。高雄市青少年的自覺健康、身體意象與幸福感之關係。教育科學研究學刊(TSSCI)。

B、研討會論文

1. ***Hong, Z. R.**, McCarthy Veach, M., & Lawrenz, F. (2002). *An investigation of self-esteem and school achievement of Taiwanese secondary students*. Paper was presented at the Annual Conference of the National Council on Measurement in Education (NCME), New Orleans. Louisiana, April 3-4, 2002. (ERIC No. ED

463 328.

2. ***Hong, Z. R.**, Lawrenz, F., & McCarthy Veach, P. (2002). *An investigation of students' and teachers' perceptions of gender education in Taiwan*. Paper was presented at the Association for Women in Psychology, Canada Vancouver, June 19-23, 2002.
3. ***Hong, Z. R.**, McCarthy Veach, P. M., & Lawrenz, F. (2002). *An investigation of stereotypic thinking of male and female Taiwanese secondary students*. Paper was presented at the Association for Women in Psychology, Canada Vancouver, June 19-23, 2002.
4. ***Lin, H.**, Yang, T. C., & **Hong, Z. R.** (2002) *Students' difficulties of learning in electrochemistry*. paper was presented at the Annual Conference of the Australian Science Education Research Association, Townsville, Queensland, July 11-14, 2002. 國科會經費補助 NSC-89-2511-S-017-048。
5. ***Hong, Z. R.**, McCarth Veach, P. M., & Lawrenz, F. (2003). *Predictors of Taiwanese secondary students' anxiety and depression*. Paper was presented at the American Educational Research Association Annual Meeting (AERA), Chicago, Illinois, April 21-25, 2003. (ERIC No. 476 423)
6. ***Hong, Z. R.** (2004). *An investigation of Taiwanese college girls' sexist attitudes*. Paper was presented at the American Educational Research Association Annual Meeting (AERA), April 12-16, San Diego, California, 2004. 國科會經費補助 NSC91 -2413- H-165- 001。(主持人)
7. 洪瑞兒、劉梅真，2004。《大學女生自尊及其相關因素之研究—以台南女子技術學院為例》。論文發表於國立成功大學性別與婦女研究中心「婦女/性別研究與教學學術研討會」，5月11日。國科會經費補助 NSC91-2413-H-165-001。(主持人)
8. ***Hong, Z. R.**, Chang, M. Y., & Lin, H. S. (2005). *An Investigation of Embroidery Teaching at Junior High School Classrooms in Southern Taiwan*. Paper was presented at the American Educational Research Association Annual Meeting (AERA), April 11-15, Montreal, Canada. 國科會經費補助 NSC-93-2411-H-165-005。
9. Lin, H. S., Wang, Y-C. , & ***Hong, Z. R.** (2005). *Using History of Science to Promote Positive Learning Environment*. Paper was presented at the American Educational Research Association Annual Meeting (AERA), April 11-15, Montreal, Canada.
10. ***Lin, H. S.**, **Hong, Z. R.**, Chen, Y. C., & Chien, C. L. (2006). *The investigation of classroom learning environment with the implementation of inquiry activities*. Paper was presented at the National Association for Research in Science Teaching (NARST), April 3-6, San Francisco, California.

11. ***Hong, Z. R.,** Lin, H. S., Chan, K. Y., Lin, C. Y., & Lee, Y. M. (2006). *Promoting junior high school students' attitudes toward science and academic performance through extracurricular science intervention in Taiwan.* Paper was presented at Australasian Science Education Research Association 37th Conference (ASERA), July 5-8, 2006. 國科會經費補助 NSC-93-2511-S-165-001。
12. ***Hong, Z. R.,** Lin, H. S., Lin, Y. C., & Wu, C. J. (2006). *Effect of an extracurricular science intervention on self-worth, social skills, and sexist attitudes of Taiwanese secondary school students from single-parent families.* Paper was presented at Australasian Science Education Research Association 37th Conference (ASERA), 5-8 July 2006. 國科會經費補助 NSC-93-2511-S-165-001。
13. ***Hong, Z. R.,** Lin, H. S., Lin, Y-j, Tsai, P-y, Lin, C. Y., Lee, Y. M., & Chan, K. Y. (2007). *The Effects of promoting Junior High Academic Student's Personality and Science Performance through Integrative Science Intervention in Taiwan.* Paper was presented at the Hawaii International Conference on Education, January 6-9, 2007. (ID #1686) 國科會經費補助 NSC94-2511-S-165-001。
14. ***Hong, Z. R.,** Lin, H. S., Huang, M-j., & Lin, Y-j. (2007). *The Effects of Promoting Junior High School Students' Self-Esteem, Self-Worth, Social Skills and Creativity through Integrative Arts Curriculum in Taiwan.* Paper was presented at the Hawaii International Conference on Education, January 6-9, 2007. (ID # 1687) 國科會經費補助 NSC94-2511-S-165-001。
15. ***Hong, Z. R. &** Lin, H. S. (2007). *An investigation of Student's Self-worth, Attitudes toward Science, and Anxiety of Learning Science among Different Levels of Parent-child Interaction.* Paper was presented at the Australasian Science Education Research Association 38th Conference (ASERA), 11-14 July 2007. 國科會經費補助 NSC-93-2511-S-165-001。
16. ***Hong, Z. R. &** Lin, H. S. (2008). *The effects of promoting indigenous and disadvantaged high school students' self-worth, and social skills through integrative curriculum in Taiwan.* Paper was presented at the Hawaii International Conference on Education, January 5-8, 2008. 國科會經費補助 NSC95-2511-S-110-002-MY3。
17. ***Hong, Z. R.,** Lin, H. S. (2009). *The Investigation of Under-represented Secondary School Students' Self-development, Learning in Science and Personality traits through Science Intervention.* Paper was presented at the Hawaii International Conference on Education, January 4-7, 2009. 國科會經費補助 NSC95-2511-S-110-002-MY3。
18. ***Hong, Z. R.,** Chen, H. T., Wang, H. H., & Yang, K. K. (2009). *The Effects of Promoting Elementary School Students' Reading Critical Thinking and Self-development through Inquired-based Teaching.* Paper was presented at the Hawaii International Conference on Education, January 4-7, 2009. 國科會經費補助 NSC95- 2511- S- 110- 002-MY3。

19. ***Hong, Z. R.**, Lin, H. S. (2009). *Trend analysis of primary and secondary school students' self-efficacy and learning in science*. Paper was presented at the Australasian Science Education Research Association 40th Conference (ASERA), July 1-4, 2009.
20. *Lin, H. S. & **Hong, Z. R.** (2009). *Using reflective practice of assessment to promote students' argumentation and conceptual understanding in asynchronous discussions*. Paper was presented at the Australasian Science Education Research Association 40th Conference (ASERA), July 1-4, 2009.
21. Chen, H. T. & ***Hong, Z. R.** (2010). *The investigation of high school students' gender attitude, personality, and perception of sexual harassment*. Paper was presented at the Hawaii International Conference on Education, January 7-10, 2010. (ID # 552)
22. Wang, H. H. & ***Hong, Z. R.** (2010). *The investigation on creativity related factors of urban indigenous students*. Paper was presented at the Hawaii International Conference on Education, January 7-10, 2010. (ID # 554)
23. ***Hong, Z. R.**, & Lin, H. S. (2010). *Trend Analysis of Primary and Secondary School Students' Personality Traits and Self-worth*. Paper presented at the Hawaii International Conference on Education, January 7-10, 2010. (ID # 795)
24. Zheng, M. S. & ***Hong, Z. R.** (2010). *The Investigation of Cultural and Racial Identity of New Immigrant Taiwanese Children*. Paper presented at the Hawaii International Conference on Education, January 7-10, 2010. (ID # 792)
25. ***Hong, Z. R.**, Lin, H. S., Chen, H. T., Wang, H. H., Zheng, M. S., & Yu, T. C. (2010). *An investigation of elementary school students' self-expectation, involvement, and interest in learning science*. Paper was presented at the Australasian Science Education Research Association 41th Conference (ASERA), June 30- July 3, 2010, Newcastle, New South Wales, Australia.
26. *Lin, H. S., **Hong, Z. R.**, Yang, K. K., & Chen Y. C. (2010). *Using collaborative reflections to support teachers' inquiry-based instruction*. Paper was presented at the Australasian Science Education Research Association 41th Conference (ASERA), June 30- July 3, 2010, Newcastle, New South Wales, Australia.
27. ***Hong, Z. R.**, Lin, H. S., Cheng, M. S., Chen, H. T., & Wang, H. H. (2010). *Using cooperative reading club to improve parent-children positive interaction, positive thinking, and decrease stereotypic thinking in learning science in Taiwan*. Paper was presented at IASCE conference 2010—Pedagogy, Policy and Practice, 25-27 November, 2010, Brisbane, Australia.
28. Cheng, M. S. & ***Hong, Z. R.** (2010). *Exploratory Factor Analyses and Reliabilities of Aboriginal Students' Role Identity and Positive Thinking Scales by Using Cooperation-based in Learning Science in Taiwan*. Paper was presented at IASCE conference 2010—Pedagogy, Policy and Practice, 25-27 November, 2010, Brisbane, Australia.

29. ***Hong, Z. R.**, Yu, T. C., Chiang, W. H., & Cheng, M. S. (2010). *An Exploration of Aboriginal Secondary Boys' and Girls' Learning Interests and Learning in Science*. Paper was presented at Global Chinese Conference on Science Education 2010 (GCCSE), 20-21 December, 2010, Hong Kong Institute of Education.
30. ***Hong, Z. R.**, Lin, H. S., Chen, H. T., Wang, H. H. & Yang, K.K. (2010). *The Investigation of Taiwanese Elementary School Students' Self-efficacy and Learning in Science*. Paper was presented at Global Chinese Conference on Science Education 2010 (GCCSE), 20-21 December, 2010, Hong Kong Institute of Education.
31. ***Hong, Z. R.** (2010). *The longitudinal Investigation of a Collaborative Curriculum to Promote Taiwanese Underrepresented Secondary School Students' Self-development and Interests in Learning Science*. Paper was presented at Global Chinese Conference on Science Education 2010 (GCCSE), 20-21 December, 2010, Hong Kong Institute of Education.
32. ***Hong, Z. R.** & Lin, H. S. (2011). *An Investigation of Boys and Girls Affective Learning in Science and Big-Five Traits*. Paper was presented at the National Association for Research in Science Teaching (NARST) **84th Annual Conference**, April 3-6, 2011, **Florida, Orlando**.
33. *Lin, H. S. & **Hong, Z. R.** (2011). *The role of emotional factors in building public scientific literacy and engagement with science*. Paper was presented at National Association for Research in Science Teaching (NARST) **84th Annual Conference**, April 3-6, 2011, **Florida, Orlando**.
34. Lin, C-J. & ***Hong, Z. R.** (2011). An investigation and validation of elementary school Students' positive thinking scale. Paper was presented at the 76th Annual and 17th International Meeting of the Psychometric Society (2011 IMPS), 18-22 July, 2011. (**ID#PP-00175**)
35. Yu, T-C. & ***Hong, Z. R.** (2011). An investigation of validation of college students reading motivation scale. Paper was presented at the 76th Annual and 17th International Meeting of the Psychometric Society (2011 IMPS), 18-22 July, 2011. (**ID#PP-00176**)
36. Wang, H-C. & ***Hong, Z. R.** (2011). Development and validation of students' attitudes toward math and math scale. Paper was presented at the 76th Annual and 17th International Meeting of the Psychometric Society (2011 IMPS), 18-22 July, 2011. (**ID#PP-00206**)
37. Chiang, W-H. & **Hong, Z. R.** (2011). Investigation and validation of college student well-being property scale. Paper was presented at the 76th Annual and 17th International Meeting of the Psychometric Society (2011 IMPS), 18-22 July, 2011. (**ID#PP-00136**)

38. Zou, D-T. & ***Hong, Z. R.** (2011). Development and validation of college students perception toward parenting practice scale. Paper was presented at the 76th Annual and 17th International Meeting of the Psychometric Society (2011 IMPS), 18-22 July, 2011. (**ID#PP-00177**)
39. ***Hong, Z. R.**, Lin, H. S., Wang, H-H., Chen, H-T., & Yang, K-K. (2011). Effects of cooperative small group discussion on boys' and girls' argumentation and attitudes toward science. Paper was presented at East-Asian Association for Science Education Conference (EASE), October 26- 29, 2011, Gwangju, Chosun University, Korea.
40. ***Hong, Z. R.**, Wang, H-H., Chen, H-T., Chung, Y-M., & Wu, Y-C. (2011). Effects of integrating science and aesthetic scaffolding intervention on promoting junior high school under-representative students' learning in science. Paper was presented at East-Asian Association for Science Education Conference (EASE), October 26- 29, 2011, Gwangju, Chosun University, Korea.
41. *Lin. H. S.; **Hong, Z. R.**; Chen, Y-C., & Yang, K-K. (2011). From situational interest to individual interest: The impact of a classroom intervention on college students' perception of learning science. Paper was presented at East-Asian Association for Science Education Conference (EASE), October 26- 29, 2011, Gwangju, Chosun University, Korea.
42. Chung, Y-M, Cheng, Y-Y., & ***Hong, Z. R.** (2011). A Case Study of College Student Columnist's Writing Creativity Paper was presented at TICE conference, December, 15-18, 2011, Kaohsiung, Taiwan.
43. Hsueh, Y-C, Cheng, Y-Y., & ***Hong, Z. R.** (2011). An Exploration of Creativity Inspiration: A Self-Narrative of "Creativity Thinking and Teaching Research" as the main course. Paper was presented at TICE conference, December, 15-18, 2011, Kaohsiung, Taiwan.
44. Tai, S-S, Lin, H. S., Cheng, Y-Y., & ***Hong, Z. R.** (2011). A Case Study of College Students' Literary Creativity and Positive Affection: An Example of a Winner on National Literary Championship. Paper was presented at TICE conference, December, 15-18, 2011, Kaohsiung, Taiwan.
45. ***Hong, Z. R.**, Lin. H. S, Chen, H-T, Wang, H-H, & Lin, C-J, & Yu, T-C. (2012). Enhancing Elementary School Students' Active Learning, Positive Thinking and Decreasing Their Anxiety in Learning Science. Paper was presented at the Australasian Science Education Research Association 43th Conference (ASERA), June 27- 30, 2012, University of the Sunshine Coast, Queensland, Australia.
46. *Lin, H. S., Lawrenz, F. & **Hong, Z. R.**, (2012) Promoting and scaffolding argumentation through reflective asynchronous discussions. Paper was presented at the Australasian Science Education Research Association 43th Conference (ASERA), June 27- 30, 2010, University of the Sunshine Coast, Queensland, Australia.

47. 洪瑞兒* (2012)。探討科學與社會應用議題教學提升青少年正向思考和科學情意學習成效, 第二屆山海論壇研討會, Oct. 10月8-10日, 廈門大學, 中國。
48. 王乃尹、洪瑞兒* (2012)。高中生性別平等覺察研究。Paper was presented at Taiwan Educational Research Association 2012 Conference (TERA), December, 19-22, 2012, Sun Yat-sen University, Kaohsiung, Taiwan.
49. 蔡婷伊、洪瑞兒* (2012)。大學生情緒智力量表編製與效化。Paper was presented at Taiwan Educational Research Association 2012 Conference (TERA), December, 19-22, 2012, Sun Yat-sen University, Kaohsiung, Taiwan.
50. 梁慈珊、洪瑞兒* (2012)。青少年自我統合量表編製與初探。Paper was presented at Taiwan Educational Research Association 2012 Conference (TERA), December, 19-22, 2012, Sun Yat-sen University, Kaohsiung, Taiwan.
51. 王聖光、洪瑞兒* (2012)。國中學生生活適應量表發展與效化。Paper was presented at Taiwan Educational Research Association 2012 Conference (TERA), December, 19-22, 2012, Sun Yat-sen University, Kaohsiung, Taiwan.
52. 林永聰、洪瑞兒* (2012)。探究國中生人格特質與人際依附風格。Paper was presented at Taiwan Educational Research Association 2012 Conference (TERA), December, 19-22, 2012, Sun Yat-sen University, Kaohsiung, Taiwan.
53. 鄭媠穗、林紘帆、陳佑秀、洪筱雅、謝秀玉、洪瑞兒* (2013)。國小弱勢學童課業輔導資源政策分析及實施現況—以高雄市地區為例。論文將發表於永齡希望小學補救教學研討會, 6月28日, 2013, 台北市台灣大學集思會議中心。
54. *Lin, H-s., Lin, S-F., Yang, K-K., **Hong, Z. R.** (2013). Exploring the assessment of and relationship between elementary students' scientific creativity and science inquiry. Paper presented at The 3rd Biennial Conference of East-Asian Association for Science Education (EASE), Hong Kong Institute of Education, Hong Kong during 4-6 July 2013.
55. ***Hong, Z. R.**, Lin, H-s, Chen, H-H., Wang, S-H, Yu, T-C., & Lin, C-J. (2013). The effects of Aesthetic Science Activities on Improving At-Risk Families Children's Anxiety about Learning Science and Positive Thinking. Paper presented at The 3rd Biennial Conference of East-Asian Association for Science Education (EASE), Hong Kong Institute of Education, Hong Kong during 4-6 July 2013.
56. ***Hong, Z.-R.**, Lin, H.-S., Lawrenz, F. (2013). Effects of an integrated science and social implication intervention on promoting adolescents positive thinking and emotional perceptions in learning science. *International Journal of Science Education (A)*, 34(3/4), 329-352, was invited to present in an Invited Symposium at ESERA (European Science Education Research Association Conference) 2013 'Providing the evidence for research-based science education: Recent papers

From International Journal of Science Education (A) and (B). 2-7 September, 2013, Nicosia, Cyprus.

57. ***Hong, Z. R.**, Lin, H. S., Chen, H-T., Wang, H-H., Yu, T-C. (2013). Effects of Aesthetic Science Intervention on Children's Anxiety about Learning Science . Paper presented at(European Science Education Research Association Conference) EASERA, 2013. 2-7 September, 2013, Nicosia, Cyprus.
58. ***Hong, Z. R.**, Huang, Tsai, T-Y., & Chen, H-T. (2014). Effects of elementary school students' attitudes toward English and English self-efficacy through practical English intervention. Paper presented at the 2014 Hawaii International Conference on Education, January 5-8, 2014.Honolulu, Hawaii. (ID # 1357)
59. ***Hong, Z. R.**, Liang, T-S., Fang, Y-W., & Wang, H-H. (2014). Development and validation of attitudes toward English and English Self-efficacy scale. Paper presented at the 2014 Hawaii International Conference on Education, January 5-8, 2014, Honolulu, Hawaii.(ID # 1358)
60. ***Hong, Z. R.**, Lin, H. S., Chen, H-T., Wang, H-H. (2014). *Longitudinal study of effects of inquiry-based science camp on underachieving children's affective perceptions of learning science and positive thinking*. Paper presented at the National Association for Research in Science Teaching (NARST) 87th Annual Conference, March 30-April 2, 2014, Pittsburgh, Pennsylvania, USA.
61. *Lin, H. S., Lin, S. F., Gilbert, J. **Hong, Z. R.**, & Lee, L. (2014). *Using thematic comics to promote public understanding of nanotechnology*. Paper presented at the National Association for Research in Science Teaching (NARST) 87th Annual Conference, March 30-April 2, 2014, Pittsburgh, Pennsylvania, USA.
62. Huang, Y-N & ***Hong, Z. R.** (2015). Effects of Senior High School Students' Affective Learning toward English and English Performance through Flipped English Intervention. Abstract was accepted by the 2015 Hawaii International Conference on Education, January 5-8, 2014, Honolulu, Hawaii.(ID # 1134).
63. ***Hong, Z. R.**, Lin, H-S., & Huang, Y-N. (2015). Development and Validation of Affective Learning toward English and English Self-Efficacy Scales. Abstract was accepted by the 2015 Hawaii International Conference on Education, January 5-8, 2014, Honolulu, Hawaii (ID # 1190).
64. Wang, H-H., Chen, H-T., **Hong, Z. R.** (2015). Longitudinal study of a cooperation-based SSI intervention on promoting students' critical thinking and self-regulation in learning science. Paper presented at (European Science Education Research Association Conference, EASERA, 2015 8/31~9/ 4, Helsinki, Finland.
65. Yang, K-K., Lin, H-s., & **Hong, Z. R.** (2015). Developing free-choice online test items for the assessment of elementary students' science inquiry competency. Paper presented at (European Science Education Research Association Conference, EASERA, 2015 8/31~9/ 4,Helsinki, Finland.

66. Chen, H-T., Chen, C-L., Han, P-T., Ho, P-W., Ho, P-W., & ***Hong, Z. R.** (2015). Bridging the Gender Gap of Elementary School Children's Engagement in Learning Science and Argumentation through a Modified Argument-driven Inquiry. Paper was presented at The 4th Biennial Conference of East-Asian Association for Science Education (EASE), Beijing Normal University, Beijing, China, 16/16~10/18, 2015.
67. Lu, Y-Y., Chen, C-L., Chen, H-T., & ***Hong, Z. R.** (2015). The Relationships between Senior Students' Attitudes toward Science, Positive Thinking and their Awareness toward Science Teacher's Leaderships. Paper presented at The 4th Biennial Conference of East-Asian Association for Science Education (EASE), Beijing Normal University, Beijing, China, 10/16~10/18, 2015.
68. Yang, K.-K., Lin, L. , **Hong, Z.-R.**, & Lin, H.-s. (2016). The Investigation of Effective Strategies for Developing Creative Science Thinking. Paper was presented at the Annual Conference of the National Association for Research in Science Teaching (NARST). April 14-17. Baltimore, MD.
69. Wang, H-H., Chen, H-T., Yang, K-K., Pan, Y-T., Lin, H-S., & ***Hong, Z. R** (2016). The Impact of a Short-Term Camp on Students' Awareness and Mental Models towards Marine Environment. Paper was presented at The 5th Biennial Conference of East-Asian Association for Science Education (EASE), By Tokyo University of Science, Tokyo, Japan, 8/26~8/28, 2016.
70. Chen, H-T., Wang, H-H., & ***Hong, Z. R** (2016). Longitudinal Impact of a Cooperative Inquiry-based Learning on Children's Images towards Scientists and Scientific Self-efficacy. Paper was presented at The 5th Biennial Conference of East-Asian Association for Science Education (EASE), By Tokyo University of Science, Tokyo, Japan, 8/26~8/28, 2016.
- 71 張懷心、陳香廷、***洪瑞兒** (2016)。國中生霸凌處遇互動模式與幸福感相關研究， Abstract was presented at Asia-Pacific Educational Research Association-Taiwan Education Research Association 2016 (APERA-TERA2016), November, 10~12, 2016, Sun Yat-sen University, Kaohsiung, Taiwan.
- 72 魯盈讌、陳香廷、***洪瑞兒** (2016)。An Exploration of High School Students' Moral Judgment and Moral Action Abstract was presented at Asia-Pacific Educational Research Association-Taiwan Education Research Association 2016 (APERA-TERA2016), November, 10~12, 2016, Sun Yat-sen University, Kaohsiung, Taiwan.
- 73 Yang, K.-K., Lin, L., **Hong, Z.-R.**, & *Lin, H.-s. (2017). Exploring the significant predictors of student creative science thinking performance. Paper was presented at the Annual Conference of the National Association for Research in Science Teaching (NARST). April 22-25. San Antonia, TX. (ID#:P-100907-5354)
- 74 Chen, H-T., Wang, H-H., Lu, Y-Y., & ***Hong, Z. R** (2017). Effects of Female Models-Driven Inquiry on students' images of scientists and scientific career awareness. Paper was presented at the Annual Conference of the National Association for Research in Science Teaching (NARST). April 22-25. San

Antonia, TX. (ID#:P-100628-5367)

- 75 Wang, H-H., ***Hong, Z. R.**, Lin, H-s., Chen, H-T., & Yang, K-K. (2017). The impact of Environmental-Driven Socio-scientific Issue intervention on college students' environmental consciousness. Paper was presented at the Annual Conference of the National Association for Research in Science Teaching (NARST). April 22-25. San Antonia, TX. (ID#:P-1011185-5381)
- 76 Liu, H-Y, ***Hong, Z. R.**, Lu, Y-Y., (2017). An Investigation of Students' Uniform Identity, Classroom Cohesion, Collaborative Learning and Their Self-efficacy in Taiwan (台灣中學生校服認同與班級凝聚力及協作學習相關研究). The abstract was accepted by WERA Focal Meeting & HKERA International conference (世界教育研究學會會議暨香港教育研究學會研討會), Dec. 30 - Dec. 2. 香港教育大學 (ID #1006).

C、國科會研究計畫

1. 提昇大學女生兩性平等概念之研究，2002，國科會人文處經費補助 NSC 91-2413 -H- 165-001。(主持人)
2. 參與課外科學活動之單親家庭的國中學生其人格發展與對科學態度之探討，2004~2005(兩年期計畫)，國科會科教處經費補助 NSC 93-2511- S-165- 001。(主持人)
3. 參與課外科學活動之單親家庭的國中學生其人格發展與對科學態度之探討，2005~2006(兩年期計畫)，國科會科教處經費補助 NSC94- 2511-S-165 -001。(主持人)
4. 行動繡畫館—刺繡創意教學向下紮根可行性之研究，2004~2005，國科會人文處專題研究經費補助 NSC93- 2411- H-165- 005-。(共同主持人)
5. 探討實施多元化課外科學活動提升原住民國中學生科學推理能力及道德發展之研究 2006~2008 (三年期計畫)，國科會科教處研究經費補助 NSC 95-2511-S- 165-001- MY3。(主持人)(獲得 B 級主持費)
6. 以功能性團體輔導弱勢家庭高職學生考取專業證照及提升自我效能之研究 2008~2010 (二年期計畫)，國科會科教處研究經費補助 NSC 97-2511-S- 110-001- MY2。(主持人)
7. 以 STS 及探究科學營培育女性科學人才紮根計畫(提升女學生科學之興趣和自信)2009~2011(三年期計畫)，國科會科教處研究經費補助 NSC 97-2630-S- 110-001- MY3。(主持人)
8. 探討 ISAC 探究科學營使用鷹架及角色楷模激發平地原住民學生自我認同和探究能力成效 2009~2012 (三年期計畫)，國科會科教處研究經費補助 NSC 98-2511-S-110-002- MY3。(主持人)

9. 探究 CISA 科學活動提升弱勢國小學童科學學習興趣、減少科學學習焦慮及培養正向思考成效之研究 2010~2013 (三年期計畫)，國科會科教處研究經費補助 NSC 99-2511-S-110-003-MY3。(主持人)
10. 探討合作式 SSI 科學活動提升國中學生批判思考、正向思考及自我調整能力效益 2012~2015 (三年期計畫)，國科會科教處研究經費補助 NSC 101-2511-S-110-001-MY3。(主持人)
11. 台灣參加 PISA 2015 的執行與研究—我國學生科學素養分析及國際比較研究 2012/09/01 ~ 2013/10/31 (1/4)，國科會科國司研究經費補助 NSC 101-2511-S-110-006。(共同主持人)
12. 台灣參加 PISA 2015 的執行與研究—我國學生科學素養分析及國際比較研究 2013/09/01 ~ 2014/10/31 (2/4)，國科會科國司研究經費補助 NSC 102-2511-S-110-001。(共同主持人)
13. 台灣參加 PISA 2015 的執行與研究—我國學生科學素養分析及國際比較研究 2014/09/01 ~ 2015/10/31 (3/4)，國科會科國司研究經費補助 NSC 103-2511-S-110-001。(共同主持人)
14. 台灣參加 PISA 2015 的執行與研究—我國學生科學素養分析及國際比較研究 2015/11/01 ~ 2016/12/31(4/4)，國科會科國司研究經費補助 104-MOE-S-110-001。(共同主持人)
13. 以探究論證科學營提升國小女學童情意學習及論證能力之探討。2013~2016 (三年期計畫)，國科會科教處研究經費補助。NSC 102-2629-S-110-001-MY3。(主持人)
14. 支持性論證式探究教學對中小學生學習成效之探討。2015~2018 (三年期計畫)，科技部科國司研究經費補助。104-2511-S-110-011-MY3。(主持人)
15. 提升國中學生學習興趣及科學素養之實務研究。2015~2018 (三年期計畫)，科技部科國司研究經費補助 104-2511-S-110-013-MY3。(共同主持人)
16. 女性生物學家養成計畫。2015~2016，科技部科國司研究經費補助 MOST 104-2630-S-110-001。(共同主持人)
17. 批判式探究教學成效。2016~2019 (三年期計畫)，科技部科國司研究經費補助 105-2511-S-110-002-MY3。(主持人)
18. 公民科技素養調查整合型計畫(第三期)，科技部科國司研究經費補助 105-2511-S-110-002-MY3。(共同主持人)

D、教育部暨其他公營機構研究計畫

1. 應用社區本位刺繡藝術教學啟發國中學生藝術與人文創新設計能力行動研究

「Sui e 手就按呢從阮家開始繡起」，2004，核定補助經費文號：台顧字第 0930001198。(主持人)

2. 教育部九十二學年度中小學教師自製兩性平等教育融入各級學校課程之示範教學媒體競賽，2004，核定補助經費文號：台訓(三)字第 0930001617 號。(主持人)
3. 創意生活美學--「阮是生活藝術家」，2004~2005, 研究計畫獲得教育部九十三年度、九十四年度「九年一貫課程與教學深耕計畫」經費補助(兩年期計畫)。核定補助經費文號：台國字第 0930100967 號。(主持人)
4. 創意刺繡打開國中小學心內的門窗——e 針技定天下，2005~2006 (主持人)。
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6. 教育部發展學校重點特色—跨世紀刺繡與文化創意產業發展計畫，2005~2007(三年期計畫) (共同主持人)。
7. 內政部社會司 95 年度身心功能障礙者福利與服務評估機制、流程與服務需求評估指標之研究(主持人)。
8. 國立中山大學國家政策中心專題研究—藉由主題閱讀教學提升國小學童語文探究思考與推理能力研究(整合型計畫子計畫主持人)。
9. 教育部專案研究—中小學課程發展之相關基礎性研究(整合型計畫子計畫主持人)。
10. 高雄市教育局專題委託研究—建構高雄市國小新移民子女 MSL 課程方案計畫(主持人)。
11. 101-105 年度大專校院協助高中優質精進計畫方案(主持人)。

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